

SCENIC Mobile 700

The modular high-end multimedia notebook - ideal for presentations

PCI technology in the notebook and in the MobiDock

✂

Displays:

- removable 12.1" TFT SVGA overhead display
- 12.1" TFT SVGA
- 11.3" TFT SVGA
- 2MB EDO video RAM

✂

8 - 72 MB EDO RAM

main memory (upgradable in 2 stages)

✂

256 kB synchronous second-level cache

✂

Ergonomics: touchpad, palm rest, GS-approved keyboard

✂

Intel Pentium® processor
100 MHz, 133 MHz, 150 MHz,
or
Intel Pentium® processor
150 MHz, 166 MHz with
MMX™ technology

✂

Hard disks:

1.44 GB, 2.1 GB und 3.0 GB

✂

Multimedia:

10-speed CD-ROM,
full motion/full screen
MPEG, stereo sound

✂

PC Card Type II and Type III
simultaneously

✂

Li-Ion or NiMH batteries
(for operation simultaneously
in the notebook)

✂

Infrared (IrDA)

✂

FlexiBay to include CD-ROM,
MOD-Drive, 2nd Hard-Disk
or Battery

The SCENIC Mobile 700 is a modular multimedia notebook featuring new PCI technology. The numerous modular components used, including the display, processor and hard disk, produce a system that offers a host of expansion options.

An optional removable overhead display in combination with MPEG playback makes the SCENIC Mobile 700 ideal for professional presentations. Back in the office, the notebook can be slotted into the MobiDock expansion unit, when it is instantly transformed into a powerful desktop PC featuring PCI technology. Instead of a personal computer for the office and a notebook for computing on the move, now all you need is one system, consisting of the SCENIC Mobile 700 and the MobiDock.

The notebook base

All the intrinsic notebook functions are concentrated in the system base unit. This includes the PCI graphics controller with 2 MB EDO video RAM. This gives you superior graphics performance at an ergonomic 85 Hz refresh rate and a resolution of 1024 x 768 on the external monitor.



The Fast-IDE hard disks are likewise connected directly to the PCI bus. Two PC Card (formerly called PCMCIA) slots permit the **simultaneous** use of Type II and Type III PC Cards.

Full-screen/full-motion MPEG video playback capability comes as standard, as does the stereo audio functionality. Depending on the system configuration, one or two slots are available for housing batteries (NiMH or Li-Ion). The "intelligent" batteries work on the "smart battery" principle. They feature a controller that manages important battery-related information.

An infrared (IrDA) interface is provided at the rear of the notebook, allowing wireless communication between notebooks or with peripheral devices.

The processors

The replaceable CPU module fitted in the SCENIC Mobile 700 features an Intel Pentium® processor running at 100 MHz, 133 MHz, 150 MHz or a 150 MHz or 166 MHz Intel Pentium® processor with MMX™ technology.

Main memory

In its basic configuration, the notebook comes with 8 MB of RAM. This is adequate for running standard applications under MS-DOS and Windows. For more demanding, high-end applications, the RAM memory can be upgraded to a maximum of 72 MB.

The displays

The displays available for the SCENIC Mobile 700 cater for all imaginable tastes. The brilliant, active **TFT SVGA displays** (800 x 600 pixels) with screen diagonals of **12.1" or 11.3"** are not all. For overhead projection, a removable, active **12.1" TFT SVGA display** is also available as an option. Whether you need a machine for daily use or for mounting professional presentations with the overhead projector, the overhead display gives you both options. For presentations on the overhead projector, you simply remove the display, place it on the projector and start your presentation.

Maximum flexibility with the FlexiBay

In the large FlexiBay (left-hand bay) of your SCENIC Mobile 700 you can choose to install a CD-ROM or MOD drive, a second hard disk or a battery pack.

A Fast-IDE hard disk (directly connected to the PCI bus) with a capacity of 1.44 GB, 2.1 GB or 3.0 GB comes as standard.

The small FlexiBay (right-hand bay) houses the floppy disk drive or another battery pack.

If the notebook is connected to an ac power supply, the CD-ROM and floppy disk drive can be used at the same time (e.g. for software installation).

If necessary, the drives (CD-ROM and MOD drive) of the SCENIC Mobile 700 can also be used in the FlexiBay of the MobiDock.

Whether you are out on the road or back at your desk, with the FlexiBay the modules are always in use.

Powerful batteries

The SCENIC Mobile 700 can be fitted with a NiMH battery or with a Li-Ion battery, which is approx. 30% lighter and also more powerful. Mixing the two, i.e. using a NiMH and a Li-Ion battery simultaneously in the SCENIC Mobile 700, is no problem. Depending on the type of application and the system configuration, this allows the notebook to operate without ac power for up to 8 hours on two batteries.

Multimedia for all tastes

Whether you want to play a video clip or add musical accompaniment to enliven your presentations, in the SCENIC Mobile 700, with its full-screen/full-motion MPEG video playback, 2 MB EDO video RAM and the integrated 16-bit stereo audio functionality, you have a full-blown multimedia machine.

The external monitor, with its ergonomic 85 Hz refresh rate at a resolution of 1024 x 768, guarantees a glowing presentation. Interfaces available for additional connections include: line in, line out, microphone and headphones.

A ZV (Zoomed Video) port is likewise integrated. This new technology supports the use of MPEG PC Cards, so the decompressed audio and video data no longer has to go via the PCI bus, but can be routed directly to the sound system and the video controller. This means that videos can be shown interactively on notebooks in full-screen mode with separate sound-clips and separate script windows.

MobiDock / QuickPort

So you want to be mobile, yet still have a full-featured desktop PC with all the expansion options offered by an office machine featuring PCI technology? With the SCENIC Mobile 700, you have a powerful, portable system which, once back in the office, you can transform into a full-blown desktop simply by slotting it into the new MobiDock with PCI technology.

The MobiDock provides three free slots for expansion cards: 1 x PCI, 1 x PCI/ISA and 1 x ISA. In addition, there are two 5.25" drive bays and one internal 3.5" drive bay. No additional controllers are necessary in order to operate IDE or SCSI drives in the MobiDock. An additional battery charging slot accommodates the NiMH or Li-Ion batteries of the SCENIC Mobile 700 or SCENIC Mobile 500. Additional functions such as full discharge, fast charge and trickle charge can be used in the MobiDock's battery charging slot. A battery can always be charged, with or without the notebook being docked. The notebook batteries are also charged during operation of the notebook in the MobiDock. All the interfaces provided by the SCENIC Mobile 700 are also available in the MobiDock or QuickPort. One drive bay can be expanded by means of a FlexiBay module. This allows the CD-ROM and MOD drives of the SCENIC Mobile

700 to be used directly in the Mobi-Dock.

If you want to get by without a large desktop expansion, but at the same time wish to avoid the tedious chore of connecting peripherals such as an external monitor, keyboard or printer, then the QuickPort is the right choice for you.

The QuickPort 300 Plus provides the added option of being able to use two PC Card slots: one PC Card Type I/II and one PC Card Type I/II/III slot.

All electrical interfaces provided by the SCENIC Mobile 700 are also available in the MobiDock and QuickPort.

Touchpad - one more step along the ergonomics road

For controlling the mouse, the SCENIC Mobile 700 includes a large touchpad (Microsoft mouse-compatible) centrally positioned in front of the keyboard. Double-clicking directly on the touchpad is all that is required to launch an application.

Ergonomic GS-approved keyboard

Despite its compact dimensions, the SCENIC Mobile 700 has the same size keycaps as a standard keyboard, complete with a large Enter key. The keyboard is placed higher to provide room for a comfortable and sizeable palm rest. This makes for ergonomic working in mobile use. Two extra keys are provided for fast and convenient access to Windows 95 functions.

Saving energy - with Advanced Power Management

Maximum performance or maximum battery life - the user has a choice of settings between these two extremes. With Advanced Power Management (APM), the amount of power consumed by system components such as the display, hard disks, floppy disk drive, interfaces, graphics or sound chip, is managed in the most efficient manner.

Security

Numerous security functions come as standard in the SCENIC Mobile 700. This includes password protection for the system or setup, as well as safeguards to prevent booting of the system from floppy disk or PC Card. When the notebook is in the MobiDock, an anti-theft lock prevents it being removed without permission. The MobiDock itself can likewise be protected by password against unauthorized use.

Operating systems

The SCENIC Mobile 700 ships as standard with Windows '95 incl. anti-virus program. All operating systems are preloaded on the hard disk (ready to run) and tuned to deliver optimum performance.

Windows NT 4.0, WfW 3.11 and OS/2 Warp 3 (English/German) are also available as options.

Technical Data - SCENIC Mobile 700

Modular multimedia notebook

Processor unit

Microprocessor	Intel Pentium® processor
Data width	32-bit PCI bus, 64-bit to RAM
Clock speed	100, 133, 150 MHz, 150, 166 MHz MMX
Cache, integrated	16 KB (MMX: 32 KB)

Base unit

Second-level cache	256 KB (synchronous)
RAM (EDO)	8 MB standard, max. 72 MB
Flash EPROM	BIOS update from floppy disk

Interfaces

1 x serial	9-pin
1 x parallel	25-pin, with EPP and ECP
1 x ext. keyboard	PS/2
1 x mouse	PS/2
1 x ext. monitor	15-pin, with DDC1/2
1 x PCI docking	240-pin
1 x line in	
1 x line out	
1 x loudspeaker output	
1 x microphone	
1 x Game/MIDI	
1 x infrared (IrDA)	

Audio

16-bit stereo sound chip	Soundblaster-compatible
two built-in loudspeakers and microphone	

Graphics processor

On-board on the PCI bus	C & T 65550
Max. resolution	1280 x 1024

Display

Display diagonal	
LCD TFT (Display for overhead projector)	12.1-inch (30.7 cm) SVGA
LCD TFT	11.3-inch (28.7 cm) SVGA
LCD TFT	12.1-inch (30.7 cm) SVGA
Resolution / colors (max.)	
LCD 11.3"	800 x 600 / 262,144 colors
LCD 12.1"	800 x 600 / 262,144 colors
external monitor	
85 Hz at 640 x 480 / 16.7 million colors	
85 Hz at 800 x 600 / 65,536 colors	
85 Hz at 1024 x 768 / 256 colors	

Drives

Floppy disk drive	3.5-inch, 1.44 MB
Hard disk drive	1 x 2.5-inch, (height:19 mm)
(formatted cap./access time)	1.44 GB (IDE) ≤ 12 ms 2.1 GB (IDE) ≤ 12 ms 3.0 GB (IDE) ≤ 12 ms
CD-ROM drive	10-speed

Small FlexiBay

Floppy disk drive or battery pack

Large FlexiBay (modules can also be used in Mobi-Dock)

CD-ROM drive	
MOD drive	
2nd hard disk	in notebook only
2nd battery pack	in notebook only

PC Card (formerly called PCMCIA)

Free slots	2
PC Card Version 2.1 (formerly PCMCIA)	1 x Type III and 1 x Type I/II simultaneously
ZV support	Video presentation in real time while bypassing the system bus

Temperatures/noise/dimensions/weight

Ambient temperature (to IEC 721)	5°C to 40°C
Sound pressure level at adjacent workplace L _{pA}	approx. < 35 dB(A) (standard configuration)
Dimensions (HxWxD)	
SCENIC Mobile 700	51.2/62.5 x 300 x 230 mm
Weight incl. 1 Li-Ion battery and CD-ROM	approx. 3.5 kg (dependent on configuration)

Electrical values

Power supply	
AC voltage range	100-240 V (automatic)
Rated frequency	50-60 Hz (automatic)
Max. power output from power supply	45 W
Dimensions (HxWxD)	30 x 58 x 108 mm
Weight	315 g without power cable

Batteries

Lithium Ion	
Voltage	14.4 V
Power	56 Wh
Capacity	3.9 Ah
Charging time (not during operation)	4 h
Weight	550 g
Nickel Metal Hydride	
Voltage	7.2 V
Power	43 Wh
Capacity	6 Ah
Charging time (not during operation)	2 h
Weight	760 g
Operating time Rundown 2.0 with one battery	
SCENIC Mobile 700 with NiMH	approx. 3 h *)
SCENIC Mobile 700 with Li-Ion	approx. 3 h 30 min *)
*) dependent on the application	

Compliance with standards

Product safety	IEC950/EN60950/VDE0805 UL1950, CSA22.22 No.950
Ergonomics	ZH1/618
Radiation emissions and RFI suppression	CE certification to EN 55 022/B EN 50 082-1 FCC class B
CE certification	As per EU directives 89/336/EEG, 72/23/EEG

Approvals

There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons (e.g. for Canada and USA, eastern European countries, Norway) on request.

Security functions

Security functions implemented in the BIOS/Setup

- Password protection for system, setup, docking unit and keyboard
- Boot protection for floppy disk drive
- Boot protection for PC Card cards
- Write protect option for floppy disk drive
- Write protect option for PC Card cards
- Deactivation of serial interface
- Deactivation of parallel interface

Security functions implemented by utility routine

- Anti-virus program

Operating systems/software

Windows '95	preinstalled
McAfee 1.x for Windows '95	preinstalled
System software:	Utility routines
	VGA drivers
Optionally preinstalled:	OS/2 Warp with Windows
	Win NT 4.0
	WfW 3.11

Full support for these operating systems is guaranteed by the hardware functionality.

Options

ISDN PC Card
PC Card World FAX/Modem (33.6 Kbaud)
Global Connector Kit,
Etherlink TP/Combo PC Card,
Ether-Board PC Card,
Token-Ring PC Card,
Car Adapter,
External multimedia keyboard
External MF2 keyboard
External PS/2 mouse
External VGA color monitor
Parallel SCSI adapter
RAM upgrades: 8 MB, 16 MB and 32 MB
Replacement battery (NiMH or Li-Ion)
MobiDock
QuickPort
QuickPort Plus
Padded protective pouch for CD-ROM drive
Notebook carry case
Attaché case
WorldTraveler

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